



I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to:  
Assistant Commissioner for Patents,  
Attn: Box Missing Parts, Washington, D.C. 20231,

1-9-97  
TOWNSEND and TOWNSEND and CREW LLP

By Christine H. Bybee

PATENT

Attorney Docket No. 16528X-008200  
(client file no. 1091)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:	)	
Mark S. Chee et al.	)	Examiner: D. Rees
Application No.: 08/327,525	)	Art Unit: 1807
Filed: October 21, 1994	)	
For: COMPUTER-AIDED	)	
VISUALIZATION AND ANALYSIS	)	TRANSMITTAL OF SEQUENCE
SYSTEM FOR SEQUENCE	)	<u>LISTING</u>
EVALUATION	)	

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Applicants hereby submit a new paper copy of the "Sequence Listing" found at pages 45-84 of the above-identified application. Also enclosed is a computer readable form copy of the "Sequence Listing."

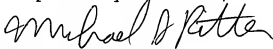
Applicants attest that the information in the "Sequence Listing" is identical to that which is in computer-readable form, as required under 37 CFR 1.821(f). This submission introduces no new matter, since the enclosed sequences are identical to the sequences submitted in the original patent application. Two copies of this paper are enclosed.

MARK CHEE et al.  
Serial No.: 08/531,137  
Page 2

PATENT

Please charge any additional fees or credit any  
overpayment to Deposit Account No. 20-1430.

Respectfully submitted,



Michael J. Ritter  
Reg. No. 36,653

TOWNSEND and TOWNSEND and CREW LLP  
Two Embarcadero Center, 8th Floor  
San Francisco, California 94111-3834  
(415) 326-2400  
Fax (415) 326-2422

MJR:cab

j:\16528\82\seqlist.tm

## TOWNSEND and TOWNSEND and CREW LLP

Two Embarcadero Center, 14th Floor  
San Francisco, CA, 94111-3444  
(415) 398-2400

In re application of Mark S. Choe et al.

Appln. No. 08327525

Filed October 21, 1994

Group Art Unit 1807  
For COMPUTER-AIDED VISUALIZATION AND  
ANALYSIS SYSTEM FOR SEQUENCE EVALUATION

THE ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

Sir:

Transmitted herewith is an amendment in the above-identified application.

☒ Enclosed is a petition to extend time to respond (3 months).☒ New Sequence Listing (Hard Copy).☒ New Sequence Listing (Diskette Copy).☒ Sequence Listing Transmittal.☒ Information Disclosure Statement.☒ PTO form 1449, including 2 cited references.☒ Sequence Verification Report

If any extension of time is needed, then this response should be considered a petition therefor.

The filing fee has been calculated as shown below:

(Col. 1)		(Col. 2)		(Col. 3)	SMALL ENTITY		OR	OTHER THAN A SMALL ENTITY	
TOTAL	CLAIMS REMAINING AFTER AMENDMENT	MINUS	HIGHEST NO. PREVIOUSLY PAID FOR	PRESENT EXTRA	RATE	ADDIT. FEE		RATE	ADDIT. FEE
*56			**46	=10	x11=	\$		x22=	\$220
INDEP.	*13		***4	=9	x40=	\$		x80=	\$320
					+130=	\$		+260=	\$260
[X] FIRST PRESENTATION OF MULTIPLE DEP. CLAIM					TOTAL	\$		TOTAL	\$800
					ADDIT. FEE	\$			

\* If the entry in Col. 1 is less than the entry in Col. 2,  
write "0" in Col. 3.

\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 20, write "20" in this space.

\*\*\* If the "Highest Number Previously Paid For" IN THIS SPACE is less than 3, write "3" in this space.  
The "Highest Number Previously Paid For" (Total or Independent) is the highest number found from the equivalent  
box in Col. 1 of a prior amendment or the number of claims originally filed.

DF70085 due 01/30/97 08327525 20-1430 070 102 320.00CH  
 DF70085 due 01/30/97 08327525 20-1430 070 103 220.00CH  
 Please check DF70085 Account 309-1430-070-104 260.00CH  
 [X] Claims fee 20-1430 070 104 800.00 260.00CH

[X] Any additional fees associated with this paper or during the pendency of this application.

2 extra copies of this sheet are enclosed.

Atty. Docket No. 16528X-008200 (client file no. 1091)

Date January 9, 1997

I hereby certify that this correspondence is being  
deposited with the United States Postal Service as  
first class mail in an envelope addressed to:

Assistant Commissioner for Patents,  
Washington, D.C. 20231

on: January 9, 1997

by: Christine A. Bybee

Christine A. Bybee

TOWNSEND and TOWNSEND and CREW LLP

Michael J. Ritter  
Michael J. Ritter  
Reg. No.: 36,653  
Attorneys for Applicant